

SMALLRIG 4597-CF

SmallRig Universal Quick Release Phone Cage Kit Basic (Model 4597-CF) Instruction Manual

Enhance Your Mobile Videography

1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your SmallRig Universal Quick Release Phone Cage Kit Basic (Model 4597-CF). Please read this manual thoroughly before using the product to ensure proper functionality and to maximize your creative potential.

The SmallRig Universal Quick Release Phone Cage Kit is designed to transform your smartphone into a professional video production tool. It offers enhanced stability, versatile mounting options for accessories, and convenient wireless control for capturing high-quality footage.

2. WHAT'S IN THE BOX

Verify that all components are present before proceeding with assembly:

- Universal Phone Cage (Model 4299B) x 1
- Quick-Release Wireless Control Side Handle (Model 4402) x 1
- Quick-Release Side Handle (Model 4403) x 1
- User Manual x 1

In the Box

Universal Quick Release Phone Cage × 1

Quick Release Handle with Wireless Control × 1

Quick Release Handle × 1

Operation Instruction × 1



Specifications

ID: 4597

Cage Dimensions: 220.0 × 125.0 × 34.0mm / 8.7 × 4.9 × 1.3in

Handle Dimensions: 127.2 × 74.2 × 30.8mm / 5.0 × 2.9 × 1.2in

Product Weight: 512.4 ± 5g / 1.1 ± 0.01lb

Package Weight: 641.7 ± 10g / 1.4 ± 0.02lb

Material(s): Aluminum Alloy, Plastic, Silicone, Magnet, Copper

Image: All components included in the SmallRig Universal Quick Release Phone Cage Kit Basic.

3. SETUP INSTRUCTIONS

3.1 Installing Your Smartphone

The phone cage supports smartphones with a width ranging from 2.52 to 3.46 inches (64mm to 88mm). It offers two methods for securing your phone:

1. **MagSafe Magnetic Attachment:** If your phone is MagSafe compatible, align it with the central magnetic plate on the cage until it securely snaps into place.
2. **Phone Clip Attachment:** For non-MagSafe phones or for added security, use the integrated phone clip. Press the phone clip lock button, extend the clip, place your phone, and release the button to secure it. Ensure the phone is firmly held by the rubber pads to prevent scratches.

Wide Compatibility

The phone cage is compatible with mobile phones with a width ranging from **2.52-3.46** inches



Image: Illustration of the two-in-one installation method for smartphones, highlighting MagSafe and phone clip options.

3.2 Attaching the Quick-Release Handles

The kit includes two quick-release side handles (Model 4402 and 4403). These handles can be quickly attached or detached without tools, allowing for flexible configuration between side handle and top handle modes.

1. Locate the quick-release interfaces on the sides of the phone cage.
2. Align the handle's quick-release mechanism with the interface on the cage.
3. Push the handle firmly until it clicks into place. Ensure it is securely locked.
4. To detach, press the release button on the handle and pull it away from the cage.

Quick-release Dual-handle Design

No tool installation required, quick switch between side handle and top handle mode



Image: Demonstrating the quick-release dual-handle design for easy attachment and detachment.

3.3 Pairing the Wireless Remote Control

The Quick-Release Wireless Control Side Handle (Model 4402) features a detachable wireless controller for remote shutter release and recording.

1. Remove the wireless controller from the top of the handle.
2. Ensure your smartphone's Bluetooth is enabled.
3. On the wireless controller, press and hold the power button until the indicator light flashes, indicating pairing mode.
4. On your smartphone, search for Bluetooth devices and select the controller (usually named 'SmallRig Remote' or similar).
5. Once paired, the indicator light will stop flashing. The controller is now ready to use with your phone's native camera app.

The wireless control range is up to 10 meters (32.8 feet).

Wireless Remote Control Module

Compatible with most native cameras for Android / iOS systems



Connection via Cold Shoe



Remote Control Photography & Recording



Wireless Control Range: 10m / 33ft



Built-in hexagonal wrench

Image: Details of the wireless remote control module, including its features and a built-in hexagonal wrench for adjustments.

4. OPERATING INSTRUCTIONS

4.1 Basic Usage and Shooting Modes

The dual-handle design provides stability for various shooting scenarios:

- **Horizontal Shooting Mode:** Attach both handles to the sides of the cage for a traditional horizontal grip, ideal for wide shots and stable tracking.
- **Vertical Shooting Mode:** Reconfigure one or both handles to the top or bottom of the cage to achieve a vertical grip, suitable for social media content or portrait-oriented videos.
- **Tripod Mode:** The cage features 1/4"-20 threaded holes on the bottom, allowing it to be mounted on a tripod for static shots or time-lapses.

Rich Creative Modes



Horizontal Shooting Mode



Vertical Shooting Mode



Tripod Mode

Image: Examples of rich creative modes, including horizontal, vertical, and tripod shooting configurations.

4.2 Utilizing Expansion Ports

The phone cage is equipped with multiple expansion interfaces for attaching various accessories:

- **1/4"-20 Threaded Holes (x16):** Standard mounting points for mini tripods, magic arms, or other threaded accessories.
- **Cold Shoe Mounts (x5):** For attaching LED lights, microphones, or other cold shoe compatible devices.
- **Quick Release Interfaces (x6):** For rapid attachment and detachment of handles or other quick-release accessories.
- **67mm Filter Expansion Port:** Allows for the attachment of 67mm filters (filters and filter adapters sold separately).
- **Shoulder Strap Holes:** For attaching a shoulder strap for comfortable carrying (shoulder strap sold separately).
- **Expansion Dock Fixing Port:** For mounting an expansion dock (USB-C hub sold separately).

Versatile Expansion Options



1/4"-20 Threaded
Hole × 16



Cold Shoe
Mount × 5



Quick Release
Interface × 6

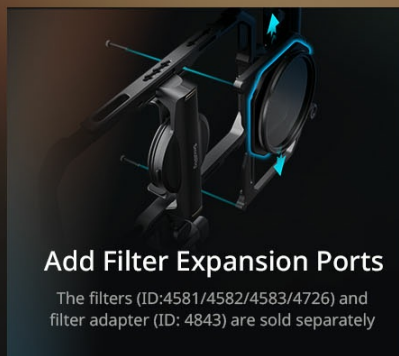


Strap Slot × 2



Image: Demonstrating versatile expansion options with various accessories mounted on the cage.

Enhanced Interface Utility



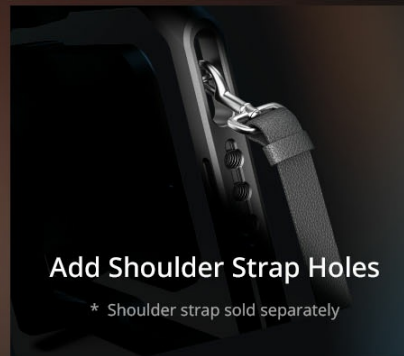
Add Filter Expansion Ports

The filters (ID:4581/4582/4583/4726) and
filter adapter (ID: 4843) are sold separately



Add Interior Cold Shoe Mounts

* USB-C hub sold separately



Add Shoulder Strap Holes

* Shoulder strap sold separately

Image: Close-up views of enhanced interface utility, including filter ports, interior cold shoe mounts, and shoulder strap holes.

5. MAINTENANCE

To ensure the longevity and optimal performance of your SmallRig Phone Cage Kit, follow these maintenance guidelines:

- **Cleaning:** Wipe the aluminum alloy frame with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and mild soap, then dry thoroughly. Avoid harsh chemicals or abrasive materials.
- **Storage:** Store the kit in a dry, cool place away from direct sunlight and extreme temperatures.
- **Rubber Pads:** Periodically check the rubber pads on the phone clip for wear and tear. Ensure they are clean and free of debris to maintain a secure grip on your smartphone.
- **Wireless Controller:** If the wireless controller's battery runs low, replace it as needed. Refer to the controller's specific instructions for battery type and replacement procedure.
- **Hexagonal Wrench:** The quick-release handles contain a built-in hexagonal wrench. Ensure it is securely stored within the handle when not in use.

6. TROUBLESHOOTING

If you encounter issues with your SmallRig Phone Cage Kit, refer to the following common problems and solutions:

- **Phone Not Secure:**
 - Ensure your phone's width is within the compatible range (2.52~3.46 inches / 64mm~88mm).
 - If using the phone clip, ensure it is fully extended and then released to grip the phone firmly. Check for any obstructions.
 - If using MagSafe, ensure your phone or phone case is MagSafe compatible and properly aligned.
- **Handles Not Attaching/Detaching Smoothly:**
 - Check for any debris in the quick-release mechanism.
 - Ensure the release button is fully pressed when detaching.
 - Apply gentle force when attaching until a click is heard.
- **Wireless Remote Not Connecting:**
 - Ensure the wireless controller is charged or has a fresh battery.
 - Verify your smartphone's Bluetooth is enabled.
 - Re-enter pairing mode on the controller and re-attempt pairing with your phone.
 - Ensure the controller is within the 10m (32.8ft) operating range.
- **Accessories Not Mounting:**
 - Verify that the accessory's mounting type (1/4"-20 thread, cold shoe, quick release) matches the port on the cage.
 - Ensure screws are tightened appropriately without over-tightening.

If the issue persists, please contact SmallRig customer support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Product ID	4597-CF
Cage Dimensions	220.0 x 125.0 x 34.0 mm (8.7 x 4.9 x 1.3 inches)

Handle Dimensions	127.2 x 74.2 x 30.8 mm (5.0 x 2.9 x 1.2 inches)
Product Weight	512.4 g (1.13 lbs)
Package Weight	641.7 g (1.4 lbs)
Material(s)	Aluminum Alloy, Plastic, Silicone, Magnet, Copper
Phone Compatibility	Width 2.52~3.46 inches (64mm~88mm); MagSafe compatible; iPhone 17/16/15/14/13 series, Samsung Galaxy S24/S23/S22 series, Huawei Mate 60/40 series, Google Pixel 8/7/6 series, etc.
Wireless Control Range	Up to 10m / 32.8ft
Expansion Ports	16x 1/4"-20 Threaded Holes, 5x Cold Shoe Mounts, 6x Quick Release Interfaces, 67mm Filter Port, Shoulder Strap Holes, Expansion Dock Fixing Port

In the Box

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Quick Release Handle with Wireless Control × 1
Quick Release Handle × 1
Operation Instruction × 1

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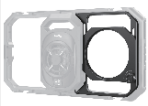





Image: Overview of included items and detailed product specifications.

8. WARRANTY AND SUPPORT

SmallRig products are manufactured to high-quality standards. For warranty information, product registration, or technical support, please visit the official SmallRig website or contact their customer service department. Keep your purchase receipt as proof of purchase.

For additional resources and product information, you may visit the [SmallRig Store on Amazon](#).



 <p>SmallRig</p> <p>67mm Threaded Filter Adapter (For Universal Video Cage 4299B) 67mm螺纹滤镜转接环 (适用于通用视频笼4299B)</p> <p>Operating Instruction</p>	<p>SmallRig 67mm Threaded Filter Adapter for Universal Video Cage 4299B - Operating Instructions</p> <p>Official operating instructions for the SmallRig 67mm Threaded Filter Adapter, designed for the Universal Video Cage 4299B. Learn how to install and use the adapter with filters and anti-glare shields.</p>
 <p>SmallRig</p> <p>Universal Thermal Mobile Phone Cage</p> <p>Operating Instruction</p>	<p>SmallRig Universal Thermal Mobile Phone Cage - Operating Instructions</p> <p>Comprehensive operating instructions for the SmallRig Universal Thermal Mobile Phone Cage, detailing its features, functions, setup, and warranty information for mobile video shooting and live streaming.</p>
 <p>SmallRig</p> <p>Universal Shoulder Pad with 15mm Dual Rod Clamp 肩托 (15mm 双杆快装圈)</p> <p>Operating Instruction 使用指南</p>	<p>SmallRig Universal Shoulder Pad with 15mm Dual Rod Clamp - Operating Instructions</p> <p>Comprehensive operating instructions for the SmallRig Universal Shoulder Pad, featuring a 15mm dual rod clamp. This guide provides details on package contents, product specifications, compatibility, product features, and step-by-step installation for camera rigs.</p>
 <p>SmallRig</p> <p>P20 Universal Foldable Mobile Phone Cage User Manual</p>	<p>SmallRig P20 Universal Foldable Mobile Phone Cage User Manual</p> <p>User manual for the SmallRig P20 Universal Foldable Mobile Phone Cage, detailing its features, installation, usage, and warranty information.</p>
 <p>SmallRig</p> <p>HawkLock Quick Release Cage & Cage Kit for Sony Alpha 7 Series Cameras User Manual</p> <p>⚠️ Please read the user manual carefully. ⚠️ 请务必仔细阅读用户手册，以确保安全使用并避免不必要的损失。</p>	<p>SmallRig HawkLock Quick Release Cage & Cage Kits for Sony Alpha 7 Series Cameras - User Manual</p> <p>User manual for SmallRig HawkLock Quick Release Cage and Cage Kits (Models 4481, 4538, 4539) for Sony Alpha 7 series cameras. Features specifications, product details, and step-by-step installation guides.</p>
 <p>SmallRig</p> <p>Mobile Video Cage for iPhone 15 Pro Series User Manual</p>	<p>SmallRig Mobile Video Cage for iPhone 15 Pro Series - User Manual</p> <p>User manual for the SmallRig Mobile Video Cage, designed for iPhone 15 Pro and iPhone 15 Pro Max. Provides detailed instructions on features, usage, accessory mounting, lens panel replacement, filter installation, and warranty information.</p>

